

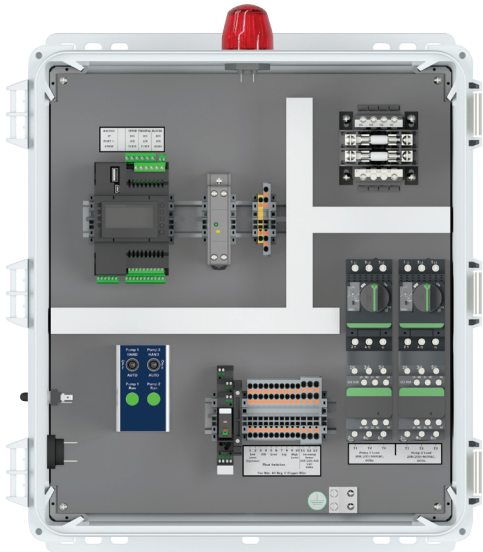
# PRO-GO™ Engineered PLC Panel

## Three Phase Duplex

FLOAT CONTROLLED WITH BACNET IP AND MODBUS



TECHNICAL DATA SHEET



### STANDARD FEATURES/SPECIFICATIONS

- Industrial Control Panel (UL 508A)
- PLC with Communication Networks
  - BACnet/IP Ethernet
  - Modbus
- Pump Voltages: 208/230/460 VAC OR 230/460/575 VAC
- Multi-Tap Control Transformer
- Pump Amp Ranges: Available from 1A to 25A
- Pump Alternation
- Type 4X Enclosure, Indoor or Outdoor Use, Pad-Lockable
- Pump Motor Protective Switches (MPS) and IEC Contactors
  - Combination Circuit Breaker, IEC Contactor Pump Starter, and Overload Relay with an Adjustable Pump Amp Range Which Protects the Pumps from Overcurrent Damage, and Provides a Pump Disconnecting Means
- Alarm Beacon and Buzzer
  - Alarm Test/Silence Switch
- Included Auxiliary "Dry" Contacts
  - General Alarm
  - Pump Run
- Float Controlled (Pump Down Applications)
  - Duplex – 3 Float Operated: Off, Lead, Lag/High Level
  - Duplex – 4 Float Operated: Off, Lead, Lag, High Level
  - Duplex – 4 Float Operated: Low Level, Off, Lead, Lag/High Level
  - Duplex – 5 Float Operated: Low Level, Off, Lead, Lag, High Level
- Hand-Off-Auto (HOA) Switches
- Pump Run Indicators
- Statistic Tracking
  - Pump Elapsed Time
  - Pump Cycle Counter
  - High and Low Alarm Counters



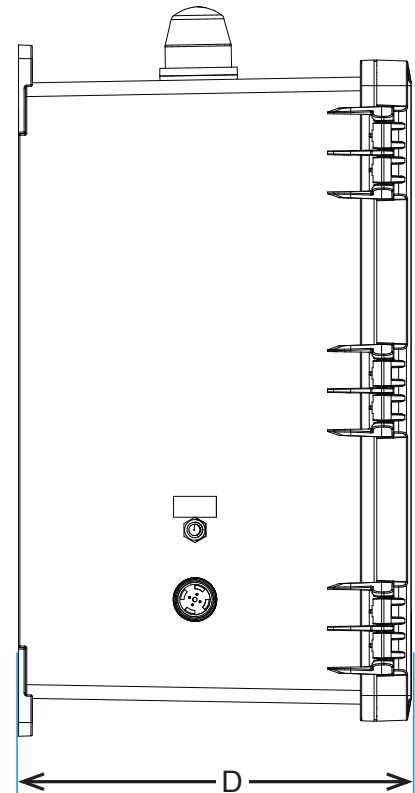
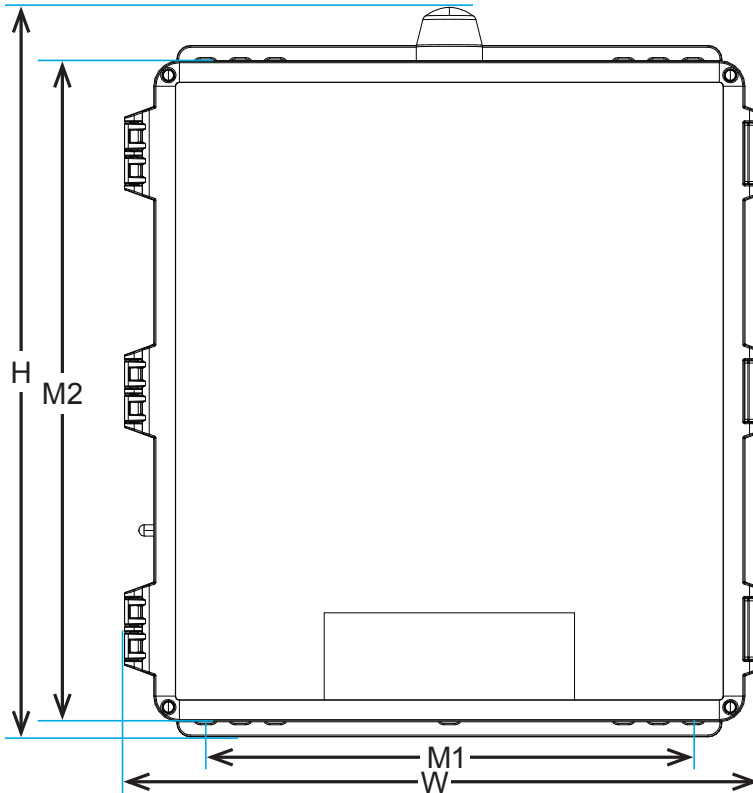
### Panel Options (customize application)

- Control Fused Disconnect Switch
- Main Disconnect
- Anti Condensation Panel Heater
- Intrinsically Safe Float Circuits
- Lightning Arrestor
- Seal/Thermal Circuitry
- Phase Loss Relay

# MECHANICAL DRAWING and DIMENSIONS

PANEL CODE (enclosure size)	OVERALL Width (W)	OVERALL Height (H)	OVERALL Depth (D)	MOUNTING Width (M1)	MOUNTING Height (M2)
<b>Base Model (E5)</b> 18 x 16 x 10	18.16	20.94	11.27	14	18.75
<b>E6</b> 20 x 16 x 8	21.06	25.07	9.40	15	23.25
<b>E7</b> 24 x 24 x 10	27.80	28.28	11.50	18	25.25

Enclosure measurements (inches)



## ORDERING INFORMATION

For a complete list of standard products with pricing, scan the QR code for more information on this product.



PRO-GO™ - THREE PHASE   DUPLEX				
Base Model	Control Panel Description			
PGEFC3D	PRO-GO™, Three Phase Duplex, 208/230/460VAC (460) or 230/460/575VAC (575)			
Panel Code	Pump Full Load Amps (FLA)	Control Switch Options	Panel Code	Description (narrow angle models only)
CO1-1.6	1.0 - 1.6 Amps	Number of Floats	+3	(3) Float Switches
CO1.6-2.5	1.6 - 2.5 Amps		+4	(4) Float Switches
CO2.5-4	2.5 - 4.0 Amps		+5	(5) Float Switches
CO4-6	4.0 - 6.0 Amps	Float Style	AG	Altra™ Gold Series
CO6-10	6.0 - 10.0 Amps	Activation Type <i>Normally Open = Pump Down</i>	H	High Level, Normally Open
CO9-14	9.0 - 14.0 Amps	Mounting Method (float attachment)	PS	Pipe Clamp, Stainless Steel
CO13-18	13.0 - 18.0 Amps		WC	Cable Weight, Cast Iron
CO17-23	17.0 - 23.0 Amps		WP	Cable Weight, Plastic
CO20-25	20.0 - 25.0 Amps	Cable Length (feet; standard)	20	20' Cable Length
			30	30' Cable Length
			50	50' Cable Length
			75	75' Cable Length
			100	100' Cable Length

Example: PGEFC3D460CO2.5-4-E5C2+4AGHPS50 = PRO-GO™, Three Phase Duplex, 208/230/460VAC, 2.5 - 4 Amps, Enclosure Size 18"x16"x10", Control Fused Disconnect Switch